

## WHAT IS CLAIMED IS:

1. A metering pump made of plastic for the metered dispensing of liquid, gel and/or  
pasty media, the metering pump comprising:

a bottle container, can-container or tube-container;

5 a dimensionally stable lower housing part;

a dimensionally stable upper housing part telescopically movable in relation to said lower  
housing part, said upper housing part having a discharge opening and a ring wall having a  
displacement piston;

10 a pump chamber delivery defined by an elastic bellows pumping member arranged  
between said lower housing part and said upper housing part upper ring collar;

a discharge channel and a discharge valve, said discharge opening being connected to said  
pump chamber via said discharge channel and said discharge valve, said elastic bellows upper  
ring collar sealingly surrounding said ring wall of said upper housing part with said displacement  
piston protruding into said bellows, said displacement piston being closed at a lower end and  
15 being provided in an upper end area of said pump chamber with at least one passage opening  
connecting said pump chamber with said discharge valve;

a suction valve;

a follower piston in said container, wherein said elastic bellows is connected to said  
container via said suction valve.

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2. A metering pump in accordance with claim 1, wherein said displacement piston has a

cavity that is open on a top side.

3. A metering pump in accordance with claim 1, wherein said displacement piston forms a separate cavity that is open on the top side with said ring wall surrounded by said ring collar of said bellows, said cavity having another ring collar within said ring wall above one or more  
5 passage opening for sealingly accommodating a valve nipple of said discharge valve, said valve nipple being open at a bottom.

4. A metering pump in accordance with claim 2, wherein said valve nipple has a plug, connected to said valve nipple by rib webs and sealingly protruding under said one or more passage openings into said cavity of said displacement piston.

10 5. A metering pump in accordance with claim 3, wherein said displacement piston is made concentrically integrally in one piece with an underside radial wall ring of the ring wall.

6. A metering pump in accordance with claim 5, wherein to form the passage opening, the displacement piston is provided on an outside with at least one axial groove having a radial depth ends radially within the internal diameter of said ring collar.

15 7. A metering pump in accordance with claim 6, wherein the ring wall provided with the displacement piston is provided at its upper end with a torus lockingly fastened to centering ribs, which are arranged in a ring-like pattern around the valve nipple and are a one-piece part of a

valve seat housing together with the valve nipple.

8. A metering pump in accordance with claim 7, wherein the valve seat housing is lockingly inserted into a hood body in a positive-locking manner and forms the upper housing part together with same.